

**INTERNATIONAL SEARCH REPORT**

International Application No  
PCT/EP2004/011613

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B63B27/04 B63B22/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B63B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 480 264 A (HUNTER ANDREW F) 2 January 1996 (1996-01-02) column 2, line 13 - line 57 column 5, line 5 - line 20; figures 1,2 -----	1-12
Y	WO 2004/000638 A (ABB LUMMUS GLOBAL INC) 31 December 2003 (2003-12-31) paragraph '0019! - paragraph '0021!	1-12
Y	US 6 394 154 B1 (POLLACK JACK) 28 May 2002 (2002-05-28) cited in the application the whole document -----	9
Y	GB 2 390 351 A (BLUEWATER TERMINAL SYSTEMS NV ; BLUEWATER ENERGY SERVICES B V (NL)) 7 January 2004 (2004-01-07) page 4, line 7 - line 32; figures 1-3 ----- -/-	12

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

18 January 2005

Date of mailing of the international search report

25/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Palentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

DE SENA HERNANDORENA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/091396 A1 (ESPINASSE PHILIPPE FRANCOIS ET AL) 15 May 2003 (2003-05-15) the whole document -----	8

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No PCT/EP2004/011613
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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5480264	A	02-01-1996	NONE			
WO 2004000638	A	31-12-2003	WO US	2004000638 A1 2003226373 A1		31-12-2003 11-12-2003
US 6394154	B1	28-05-2002	EP AU BR WO EP ID NO	0960810 A1 4373099 A 9910823 A 9962762 A1 1080007 A1 27827 A 20006052 A		01-12-1999 20-12-1999 02-10-2001 09-12-1999 07-03-2001 26-04-2001 24-01-2001
GB 2390351	A	07-01-2004	NONE			
US 2003091396	A1	15-05-2003	FR AU BR WO	2808263 A1 5489701 A 0110352 A 0183291 A1		02-11-2001 12-11-2001 08-07-2003 08-11-2001